

**Work Order ID 67265**

Page 1

Monday, March 14, 2011 12:42:29 PM

Item ID: D4009-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Tab

Start Date: 3/14/2011 Start Qty: 100.00



Cust Item ID:

Required Date: 3/17/2011 Req'd Qty: 100.00



Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 11/03/14

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D4009

A

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: 13656  
Purchase Part Number: 8-696372-1  
Supplier: TYCO ELECTRONICS  
Certificate of conformity is required

CL

11/03/14

(100)

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

CL 11/03/14 (100)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

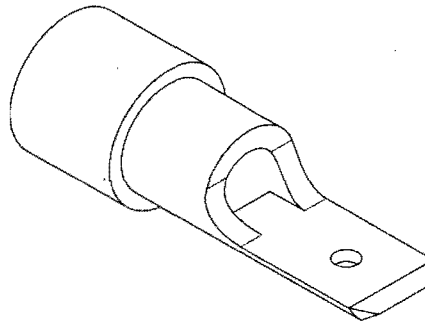
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	INSTALLATION TOOL PART NUMBER
D4009-7	TYCO ELECTRONICS C.O.R.E. AVIATION	8-696372-1	59824-1

D4009-X TAB

RELEASED  
2010-05-05  
MD

CL11/03/14  
W10:67265

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: N/A

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG APPR.		<b>D4009</b>	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		<b>GROUND STRAP</b>	NTS
DATE	10.02.05	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESSED CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

## Chantal Lavoie

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**From:** Harvey Siemens <hsiemens@dartaero.com>  
**Sent:** March 15, 2011 4:01 PM  
**To:** Chantal Lavoie  
**Subject:** FW: d4009-7

Chantal

This is what Kevin and I came up with.

Regards,

*Harvey Siemens*

Mechanical Designer  
DART Aerospace Ltd.

P: 403-717-0328  
F: 403-717-1288  
E: [hsiemens@dartaero.com](mailto:hsiemens@dartaero.com)  
W: [www.dartaero.com](http://www.dartaero.com)  
M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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**From:** Kevin Barton [<mailto:kbarton@dartaero.com>]  
**Sent:** March-15-11 1:54 PM  
**To:** 'Harvey Siemens'  
**Subject:** RE: d4009-7

Best I can do is give you this additional P/N. Tyco Electronics lists it as "There are no differing features", all dimensions and materials look the same.

P/N: 696372-1

There is stock at Digi-key and Allied Electronics.

Best Regards,  
**Kevin Barton**

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**From:** Harvey Siemens [<mailto:hsiemens@dartaero.com>]  
**Sent:** March-15-11 1:14 PM

**To:** Kevin Barton  
**Subject:** FW: d4009-7

Hey Kevin, Any ideas?

Regards,

*Harvey Siemens*

Mechanical Designer  
DART Aerospace Ltd.

P: 403-717-0328  
F: 403-717-1288  
E: [hsiemens@dartaero.com](mailto:hsiemens@dartaero.com)  
W: [www.dartaero.com](http://www.dartaero.com)  
M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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**From:** Chantal Lavoie [<mailto:clavoie@dartaero.com>]  
**Sent:** March-15-11 12:39 PM  
**To:** Harvey Siemens  
**Subject:** d4009-7

Hi Harvey,  
Could you please help? I need to know if there would be a replacement that we could use for D4009-7 estimate delivery is 11 week need sooner.

Thanks  
Chantal



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO13656

Purchase Order Date 3/14/2011

PO Print Date 3/16/2011

Page Number 1 of 1

Order From :

VC-DIG001

DIGI-KEY CORPORATION  
P.O. BOX 390  
THIEF RIVER FALLS, MN 56701-0390  
US

REVISED

Contact Name

Vendor Phone 800 344 4539

Vendor Fax 218 681 3380

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	8-696372-1	tab	3/16/2011 Yes	100.00 Each	FedEx PI ppd	\$0.3819	\$38.19

Special Inst: AS PER DWG D4009 REV. A  
B67265  
P/N: 8-696372-1 or 696372-1

PO Total:

\$38.19

ACCEPTABLE

FOR ATTACHED Dwg.

D4009-1 WILL BE  
REVISED TO INCLUDE BOTH  
SUPPLIER P.W'S.

11.03.19

CL

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 3/16/2011



Orders 1-800-344-4539  
Fax 218-681-3380  
www.digikey.com

Invoice # 34415061  
Canadian

701 Brooks Ave. South, P.O. Box 677, Thief River Falls, MN 56701-0677 USA

Tracking # 472503586583

Sold To:

CHANTAL LAVOIE  
DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

CUSTOMER 3794228

Bill To:

DART AEROSP  
ACCOUNTS PAYABLE  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

Terms <b>Net 30 Days</b>	Invoice Date 16-MAR-2011	Page 1
Customer Purchase Order PO13656		Sales Order 29532488
Back Orders Accepts to 12-JUN-2011		Account 1125703
Entered By / Date A3S2/14-MAR-2011	Shipped Via XF1D	Ship Date 16-MAR-2011
<b>Please Remit Payment to:</b> Digi-Key Corp. 1125703 P.O. Box 390 Thief River Falls, MN 56701-0390		

For Office Use Only	Received FAX	Prev Sales Order 28071456	Prev Invoice 0	Billing BILL SHIP	Pack List No. 1	Printing Date 16-MAR-2011	Currency Type: CANADIAN \$	MSC # 0
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708-1

Idx	Box	Ordered	Cancelled	Shipped	Item Number/Description	Back Order	Unit Price Canadian \$	Amount Canadian \$
2		100	0	100	696372-1 CONN TAB FASTON .250 10-12AWG HTSUS: 8536.90.4000 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP COUNTRY/ORIGIN: TAIWAN  NO EEI 30.36  TOTAL INVOICED SHIPPING CHARGES APPLIED ** CHARGES SUBTOTAL ** HST ON TAXABLE AMT: 46.19 TAX RATE: 13.00 (T INDICATES TAXABLE AMOUNTS) TOTAL DUE NET 30 - PAY FROM THIS INVOICE   THE ORDER IS COMPLETE  Ship To: DART AEROSP 1270 ABERDEEN ST HAWKESBURY ON K6A1K7 CANADA  Ship From: DIGI-KEY CORPORATION 701 BROOKS AVE. SOUTH P.O. BOX 677 THIEF RIVER FALLS MN 56701-0677  General - 14-MAR-2011 CLD CHANTAL FOR MOQ OF 1000 AT A PRICE OF \$0.29865/EA, AND THAT IT WOULD BE ON B/O DUE IN APPROX 11 WEEKS. A3S2/2927 03 16 11 REC'D CALL FROM CHANTAL REQUESTING TO HAVE PART NUMBER 696372-1 ENTERED ON THE ORDER INSTEAD. VERIFIED UNIT/EXTENDED PRICING AND ALSO TOTAL INVOICE COST. VERIFIED SHIPPING METHOD AND ADDRESS. A1UE/1835 Customer indicated that product will not be exported outside of Canada. - A1UE * 3/2/09 SURVEY REVIEWED & SIGNED W/ISSI, W9 AND ORG. CHART. A2EQ/2513.  NAFTA: I certify that the goods referenced in this invoice/salesorder contract comply with the origin requirements specified or those goods in the North American Free Trade Agreement, and that further processing or assembly outside the territory has not occurred subsequent to processing or assembly in the territory.		.38190	38.19 T
								38.19 8.00 T 46.19 6.00  52.19 CANADIAN \$\$

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

DIGI-KEY NRI #: 895173490 DIGI-KEY GST/HST#: 895173490RT



Orders 1-800-344-4539  
Fax 218-681-3380  
www.digikey.com

Invoice # 34415061  
Canadian

701 Brooks Ave. South, P.O. Box 677, Thief River Falls, MN 56701-0677 USA

Tracking # 472503586583

Sold To:

CHANTAL LAVOIE  
DART AEROSP  
1270 ABERDEEN ST  
HAWKESBURY ON K6A1K7  
CANADA

CUSTOMER 3794228

Terms	Invoice Date	Page
Net 30 Days	16-MAR-2011	2
Customer Purchase Order	Shipped Via	
PO13656	XFID	
Please Remit	Digi-Key Corp. 1125703	
Payment to:	P.O. Box 390	
	Thief River Falls, MN 56701-0390	

708-1

Idx	Box	Ordered	Cancelled	Shipped	Item Number/Description	Back Order	Unit Price Canadian \$	Amount Canadian \$
					<p>These commodities, technology or software were exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. law prohibited.</p> <p><b>CERTIFICATE OF COMPLIANCE:</b> The Digi-Key components included in the above shipment are genuine components and were provided by the applicable manufacturer to Digi-Key. Please contact the applicable manufacturer regarding manufacturing processes used for any particular component to ensure its conformance with the manufacturer's specifications and/or regarding any applicable test reports on file indicating materials conformance to specifications. This certification is valid only to the original customer and is not transferable. Contact Customer Service at 800-858-3616 if you have any questions.</p> <p><i>Kim Gilbert</i> Kim Gilbert, Customer Service Manager</p>			

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

DIGI-KEY NRI #: 895173490 DIGI-KEY GST/HST#: 895173490RT



4

3

2

1

THIS DRAWING IS UNPUBLISHED.

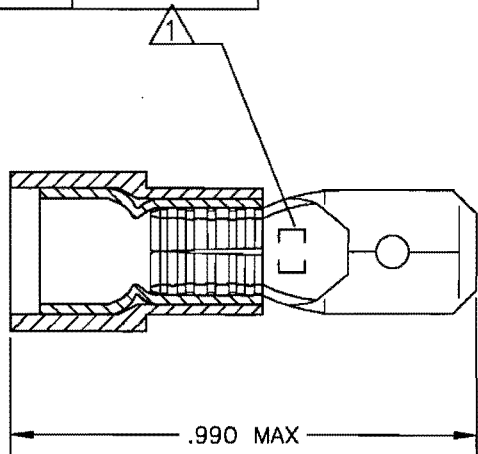
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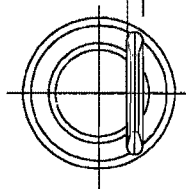
LOC  
GDIST  
86

## REVISIONS

P	LYR	DESCRIPTION	DATE	DWN	APVD
	D1	REV PER ECR 05-001779	26APR05	JR	TM

AMP  
WIRE RANGEFILE  
E66717LR7189  
Certified12-10 AWG  
STRANDED12-10 AWG  
STRANDED12-10 AWG  
STRANDED

.031±.002



1 MARKED AMP 12-10

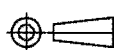
2 DESIGNED FOR WIRE  
INSULATION DIA OF  
.135-.210.3 BODY: .016±.001 THK BRASS, TIN PL.  
SLEEVE: NYLON, YELLOW

4 RATED FOR 24 MAX AMPERE

100	LOOSE PIECE	8-696372-1
1000	LOOSE PIECE	696372-1
QTY	PACKAGE TYPE	PART NO.

TYCO ELECTRONICS  
CUSTOMER SERVICE SYSTEMMAX RECOMMENDED OPERATING  
TEMPERATURE:  
105°C [221°F]VOLTAGE RATING:  
300V MAXCIRCULAR MIL AREA:  
5,180-13,100  
STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL

- 3

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± .008  
4 PLC ± -  
ANGLES ± -

FINISH

- 3

DWN  
JR RUTHCHK  
T MICHELUTTIAPVD  
T MICHELUTTI

PRODUCT SPEC

APPLICATION SPEC

114-13076

WEIGHT

CUSTOMER DRAWING

06DEC01

06DEC01

06DEC01

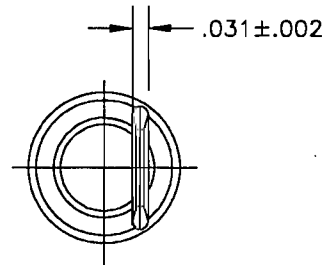
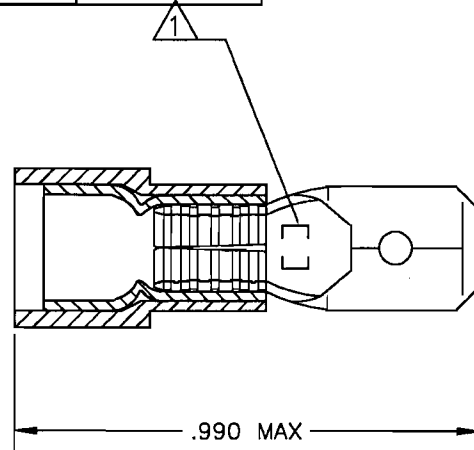
**tyco**  
**Electronics**Tyco Electronics Corporation  
Harrisburg, Pa 17105-3608NAME  
TAB, 250 SERIES, FASTON,  
PIDG, WIRE: 12-10 AWGSIZE  
A3  
DAGE CODE  
00779  
DRAWING NO  
C-696372  
RESTRICTED TO

SCALE 1:1 SHEET 1 OF 1 REV D1

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LOC	DIST	REVISIONS			
		P	LTR	DESCRIPTION	DATE
G	86				
		D1		REV PER ECR 05-001779	26APR05

<b>AMP</b> WIRE RANGE	<b>FILE</b> E66717	<b>LR7189</b> Certified
12-10 AWG STRANDED	12-10 AWG STRANDED	12-10 AWG STRANDED



- 1 MARKED AMP 12-10
- 2 DESIGNED FOR WIRE INSULATION DIA OF .135-.210.
- 3 BODY: .016±.001 THK BRASS, TIN PL. SLEEVE: NYLON, YELLOW
- 4 RATED FOR 24 MAX AMPERE

100	LOOSE PIECE	8-696372-1
1000	LOOSE PIECE	696372-1
QTY	PACKAGE TYPE	PART NO.

TYCO ELECTRONICS CUSTOMER SERVICE SYSTEM		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C [221°F] -	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH 06DECO1	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWING AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-8752	VOLTAGE RATING: 300V MAX -	DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK T MICHIELUTTI 06DECO1	NAME	
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 5,180-13,100 STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .008 4 PLC ± - ANGLES ± -	APVD T MICHIELUTTI 06DECO1	TAB, 250 SERIES, FASTON, PIDG, WIRE: 12-10 AWG	
FOR ORDER ENTRY	1-800-528-5142		MATERIAL - 3	FINISH - 3	PRODUCT SPEC -	APPLICATION SPEC 114-13076	SIZE A3
CUSTOMER DRAWING					DATE CODE 00779	DRAWING NO C-696372	RESTRICTED TO -
					SCALE 1:1	SHEET 1 OF 1	REV D1